

RAPPAPORT-VASSILIADIS BROTH, PH EUR - USP

A selective enrichment medium for the isolation of *Salmonella* spp. according to PH EUR (Rappaport-Vassiliadis Salmonella Enrichment Broth - Harmonised)

| Dehydrated media | |
|--------------------------------|---|
| Code number: | 500 g: RVB20500, 5 kg: RVB25000 |
| Packaging of 500 g: | 500 g broth base + 1 litre MgCl ₂ solution |
| Packaging of 5 kg: | 5 kg broth base + 10 x 1 litre MgCl ₂ solution |
| Appearance of broth base: | Beige, homogeneous hygroscopic powder |
| Appearance of supplement: | Water-clear, precipitation free solution |
| pH before autoclaving (25 °C): | 5,0 – 5,4 |

Direction: Suspend **13,5 g** in 970 ml of distilled water. Add **27 ml of Rappaport-Vassiliadis Magnesium Chloride Solution**. Mix well and heat gently to dissolve the medium completely. Dispense into final containers and sterilise by autoclaving at 115 °C for 15 minutes.

Warning!

The medium is heat sensitive.
No further sterilisation is necessary or desirable.

| Prepared media | |
|-----------------------|------------------------------------|
| Bottled media: | 100 ml: RVB30100, 500 ml: RVB30500 |
| Tubed media: | 150 x 15 mm: RVB40010 (10 ml) |
| Colour: | Green |
| pH (25 °C): | 5,1 – 5,3 |

Direction: Dispense the bottled media aseptically into sterile final containers. Media in tubes are ready to use.

FORMULA OF COMPLETE MEDIUM in g/l

| | |
|---|--------|
| Soya peptone | 4,500 |
| Magnesium chloride x 6 H ₂ O | 29,000 |
| Sodium chloride | 8,000 |
| Malachite green | 0,036 |
| Potassium phosphate, dibasic | 0,400 |
| Potassium phosphate, monobasic | 0,600 |

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled and tubed media and the supplements protected from light at room temperature. Use before the expiry date on the label.

Quality control:

| Test strains | Incubation temp: 37 °C | Growth | Incubation time: 24 h |
|--|------------------------|-----------|-----------------------|
| <i>Salmonella typhimurium</i> ATCC 14028 | | Good | |
| <i>Escherichia coli</i> ATCC 25922 | | Inhibited | |

References: Rappaport et al. (1956) J. Clin. Path. 9: 261.
European Pharmacopoeia

In vitro diagnostic – for professional use only!